

MODESTO CITY SCHOOLS MATH COMMITTEE

MCS Math Values, Beliefs, Hopes and Desires

Why do we teach Math?

To ensure students:

- Graduate
- Are problem solvers and critical thinkers
- Have college and career opportunities and the skills needed
- Possess number and common sense which are essential life skills

Shared Values & Beliefs

- Every student is capable of learning math – break down the stigma of “being good, or not being good, at math”
- Number sense and fluency in basic operations are essential math skills
- Math instruction should:
 - Include an integration of rote memorization and problem solving
 - Balance procedural fluency, conceptual understanding, and application
 - Be engaging and purposeful
 - Integrate multiple modalities and strategies

Hopes and Desires for MCS

